

FIG. 1

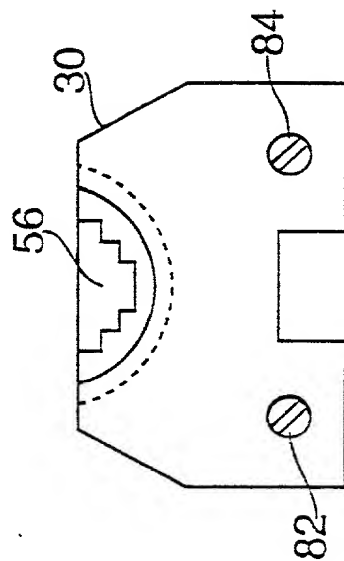


FIG. 7B

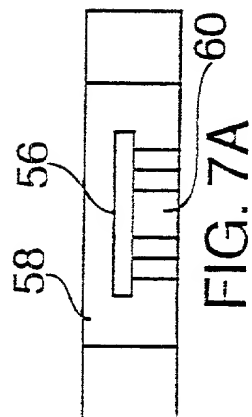


FIG. 7A

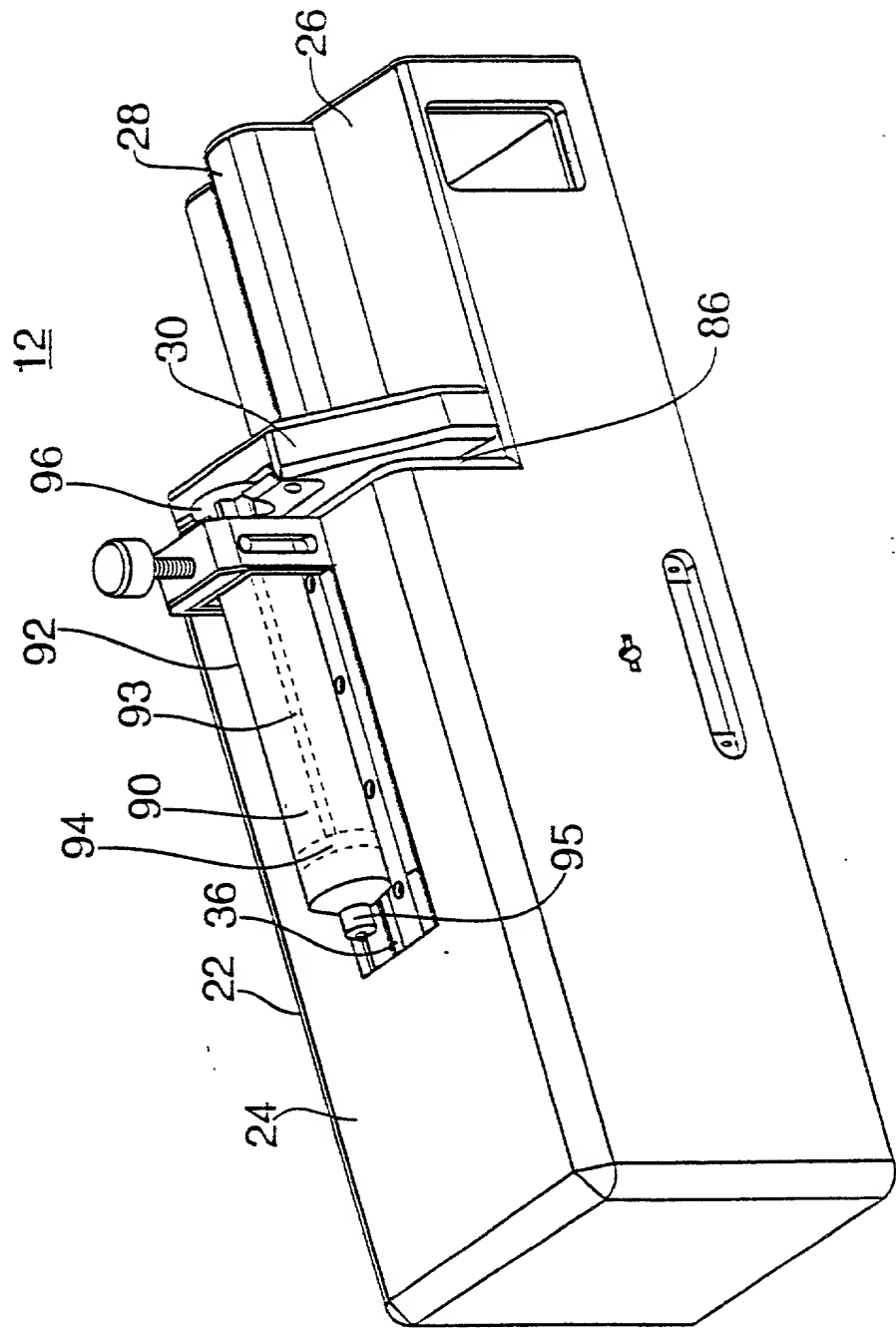


FIG. 2

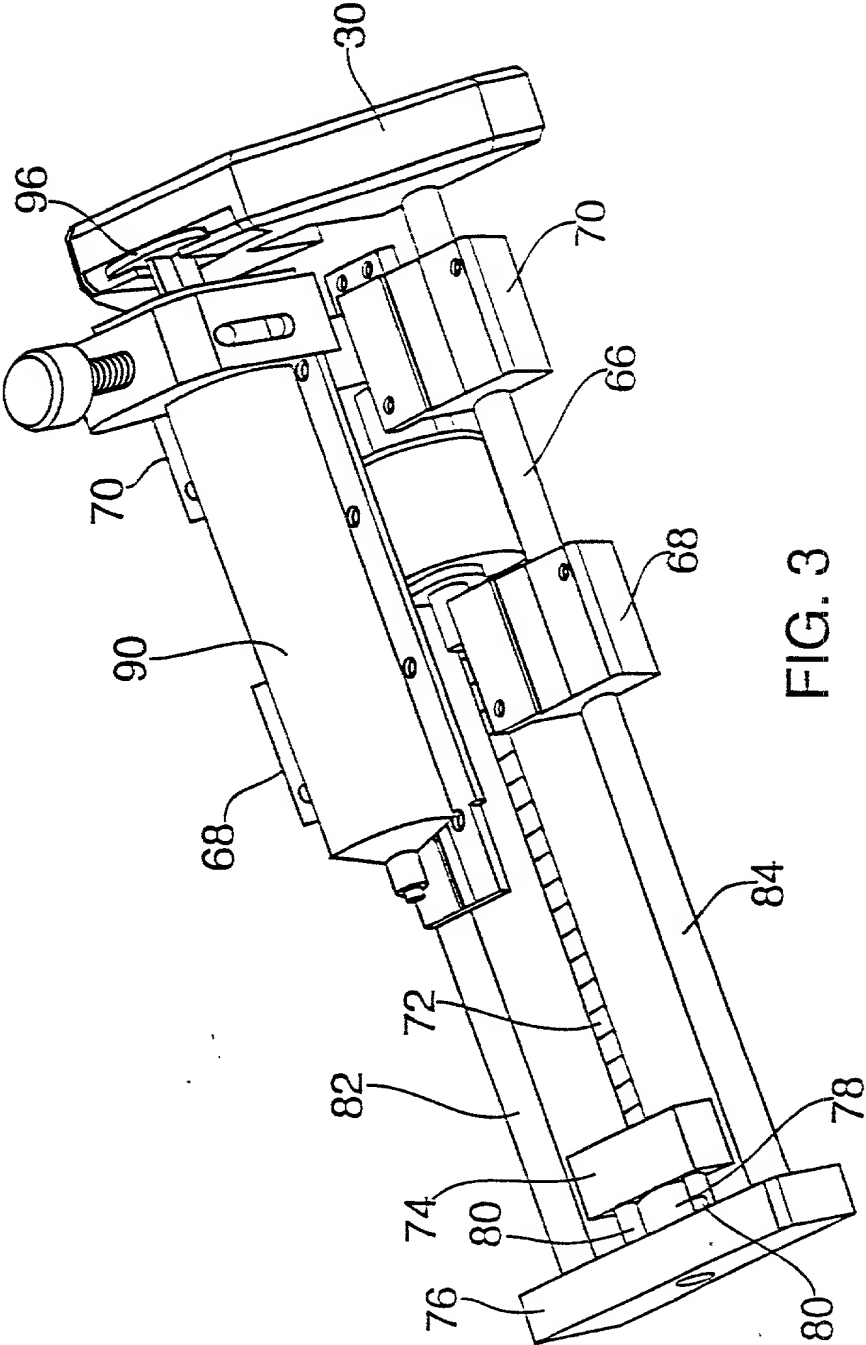


FIG. 3

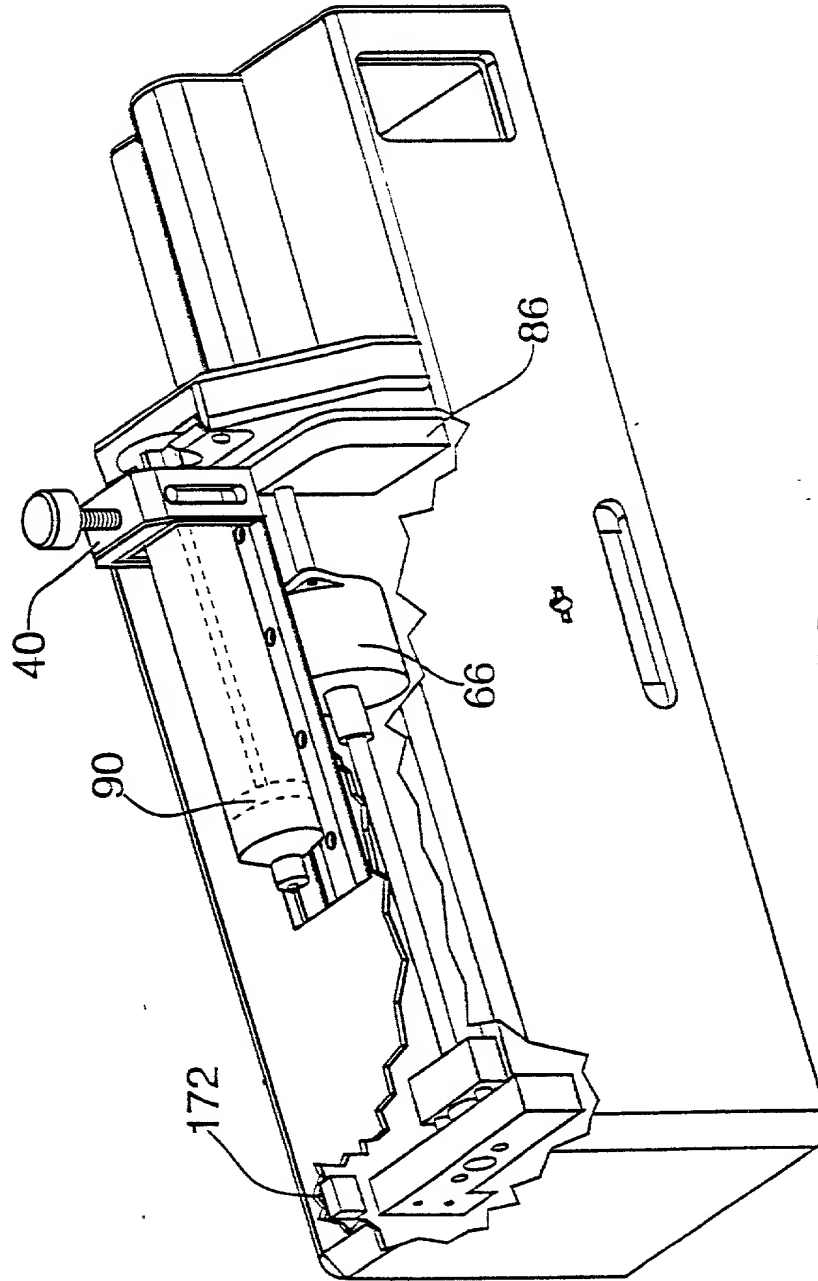


FIG. 4

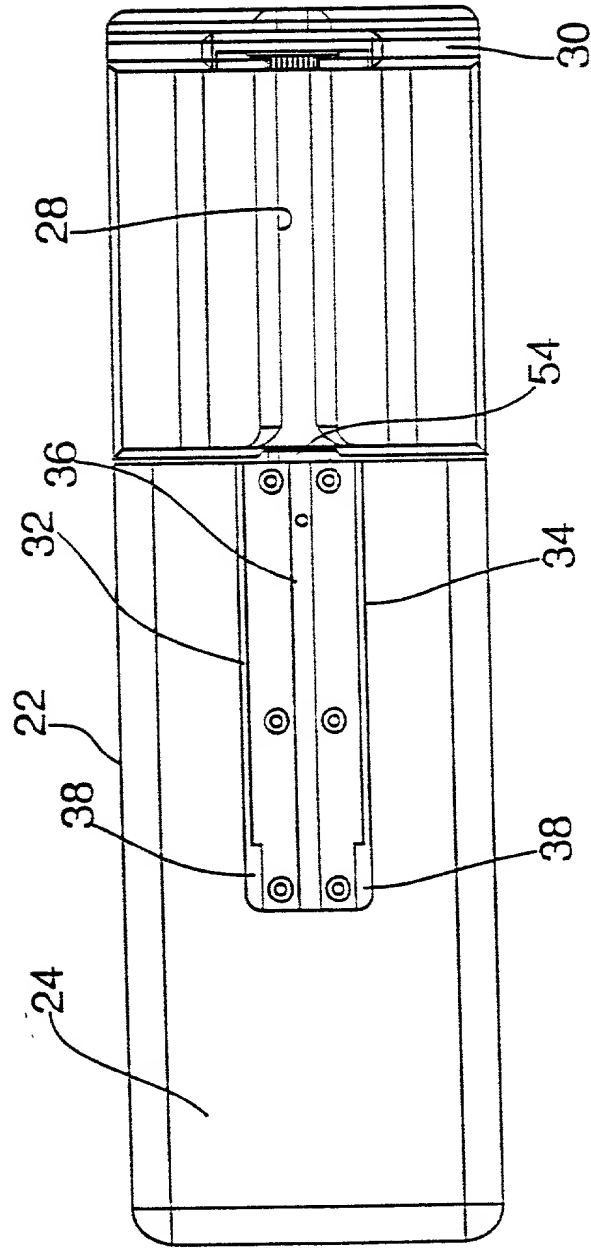


FIG. 5A

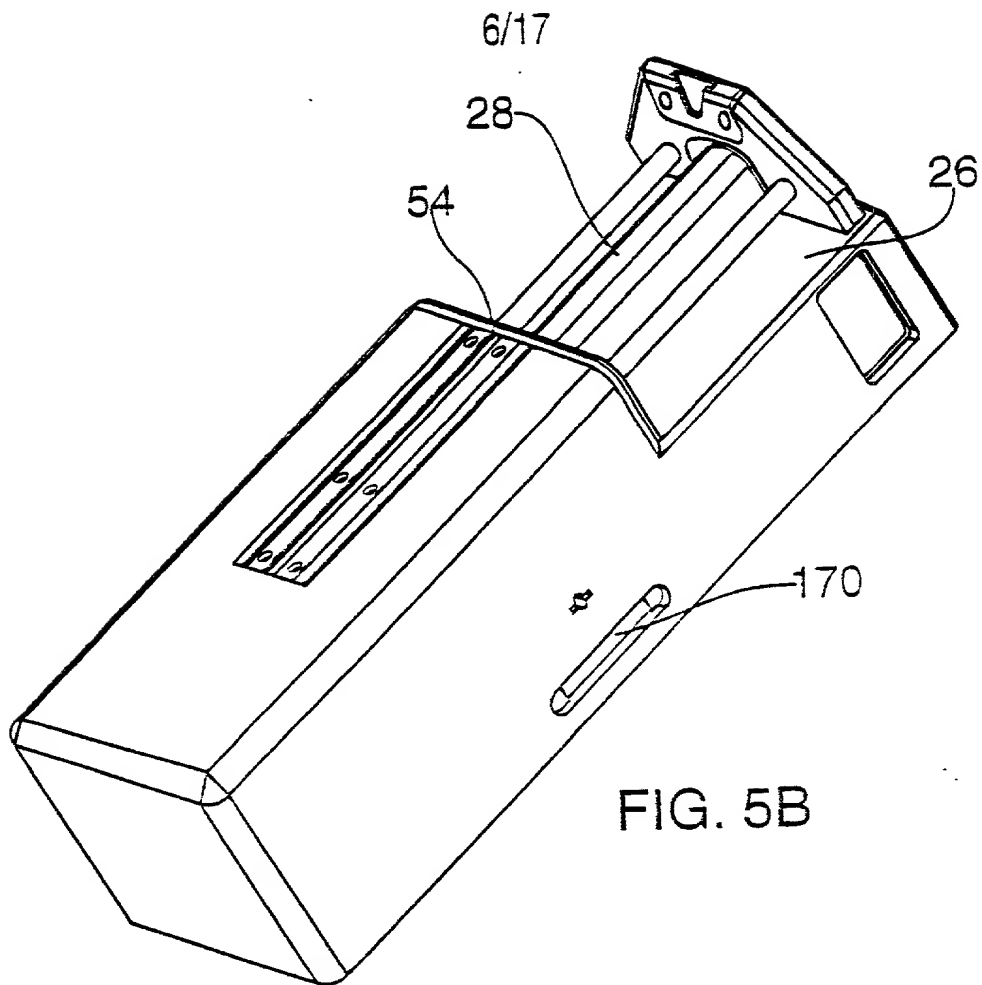


FIG. 5B

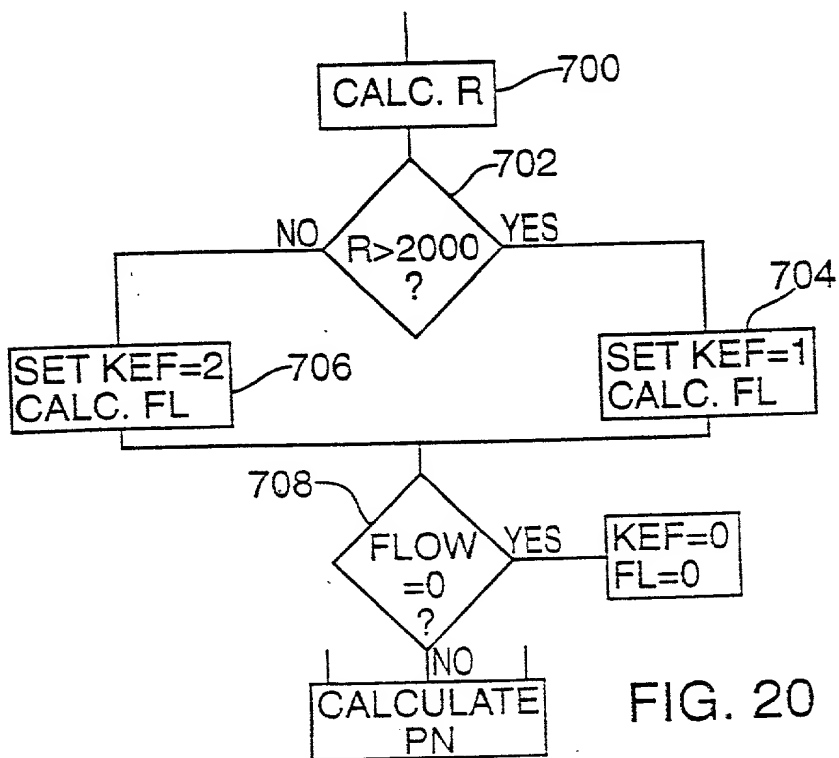


FIG. 20

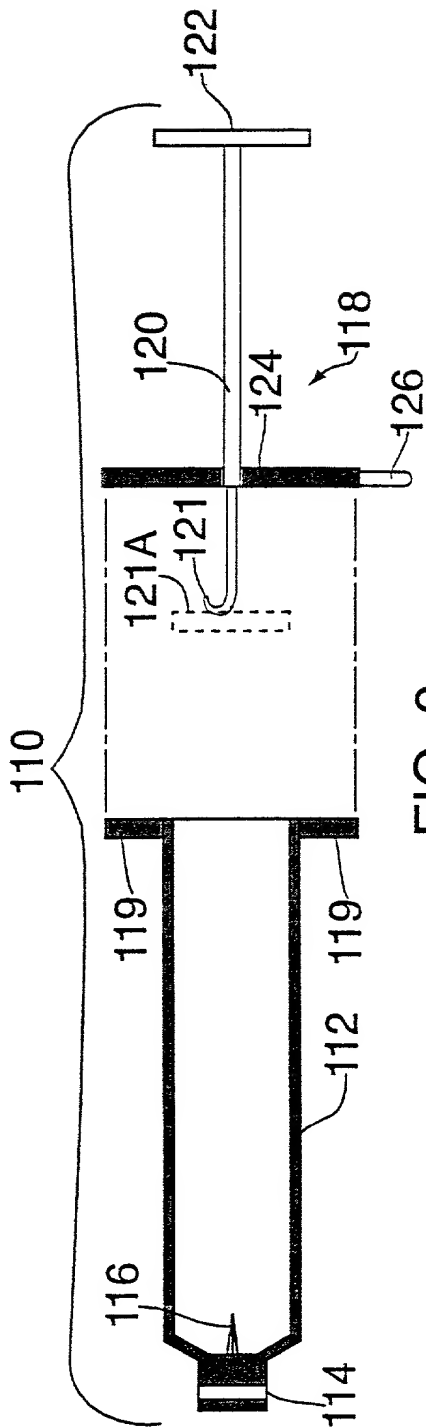


FIG. 9

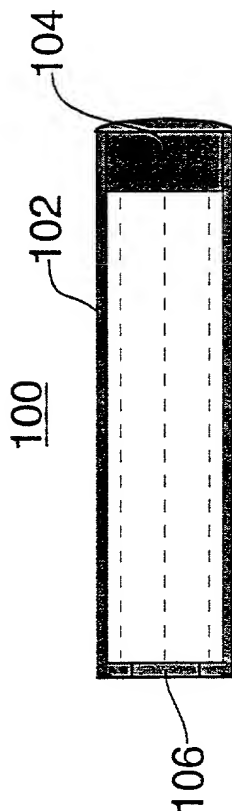


FIG. 8
(PRIOR ART)

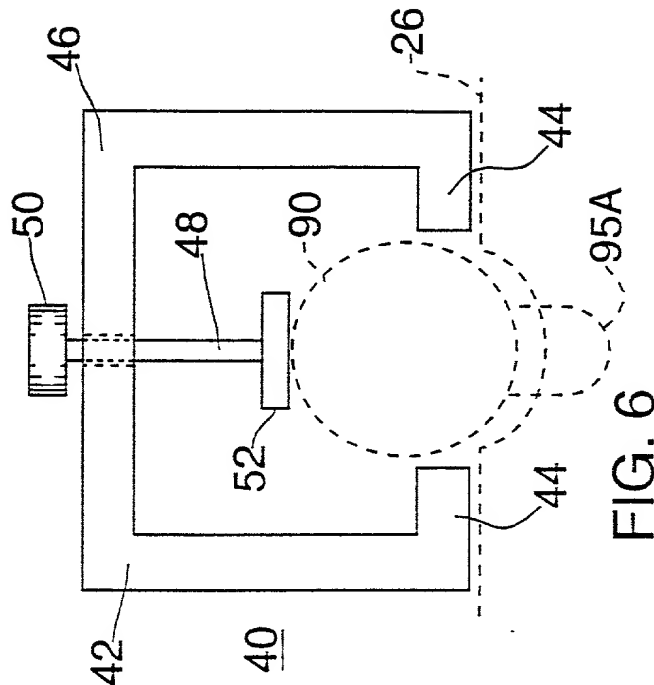


FIG. 6

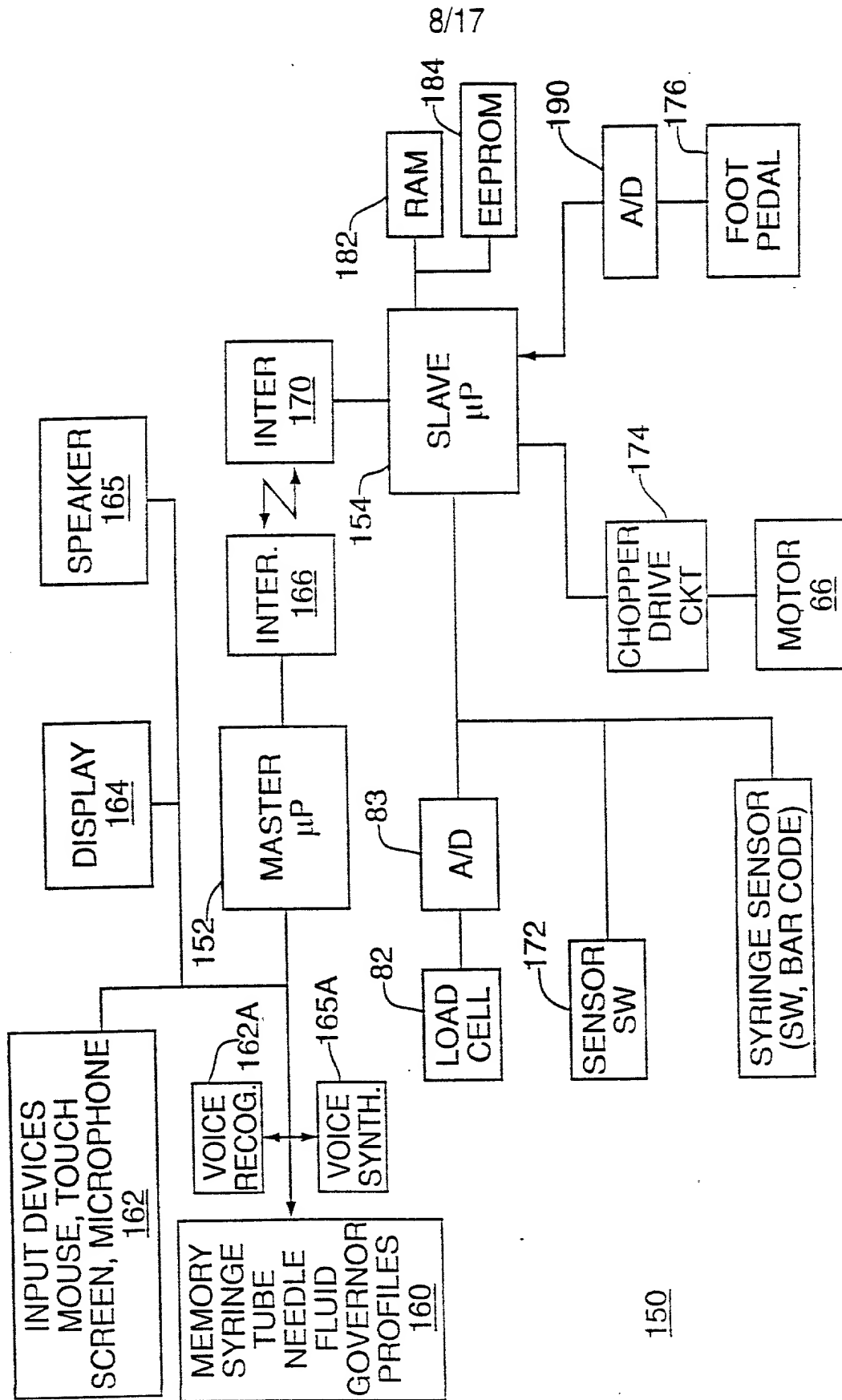
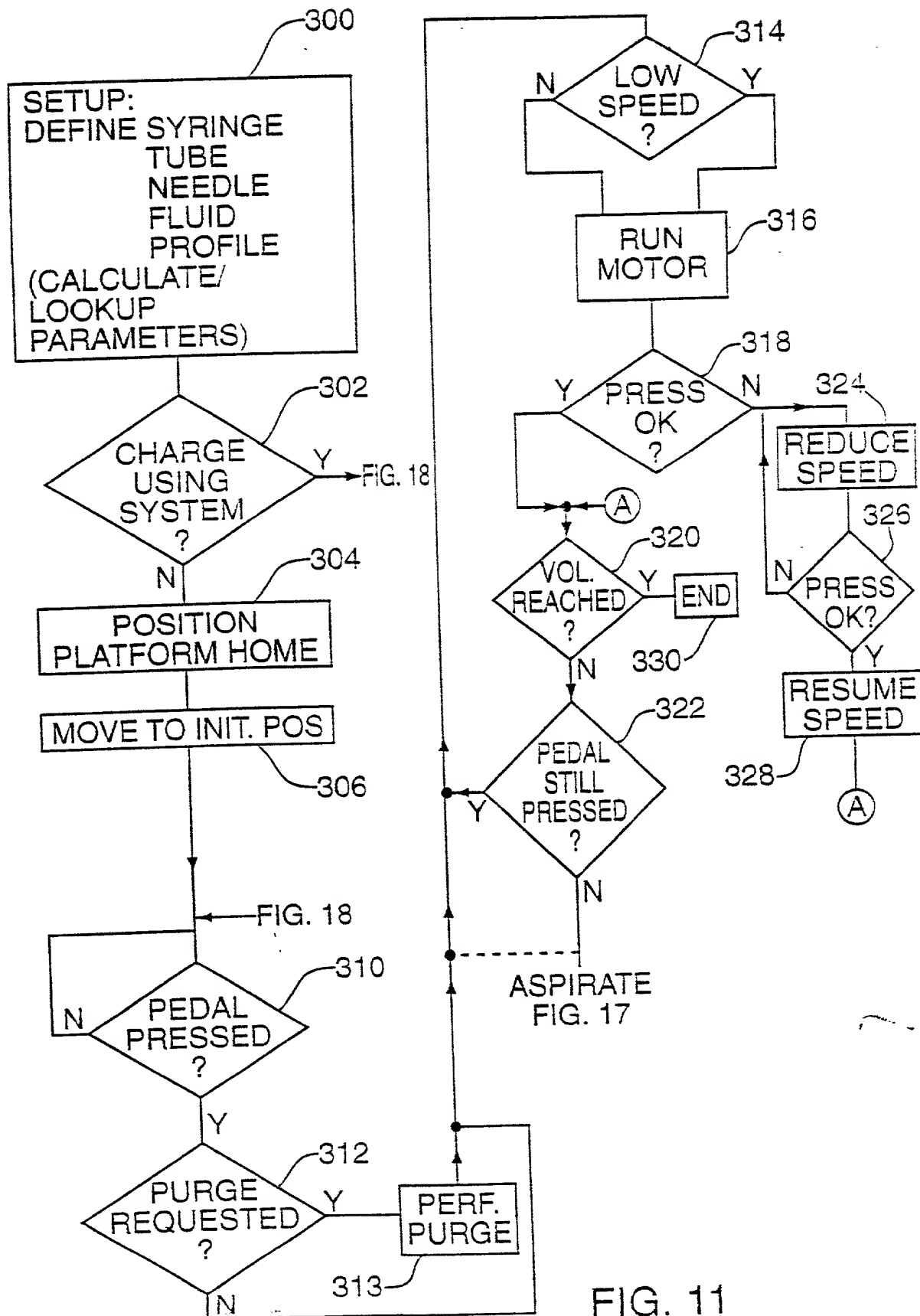


FIG. 10



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Milestone Database Setup

Syringe

Type	Stroke Length	Syringe Force	Nominal Volume (CC)	Full Point
1102CC	19	0.5	18	1
103CC	2	0.33	3	2.53
105CC	1.75	1.1	5	2.8
10CC	2.4	1.3	10	2.17
120CC	2.75	1.8	20	1.65

Needle

Type	Gage	Diameter	Length
1BD-305128	30	0.006	1
1BD-305136	27	0.02	1.25
1DB-33333			
1DD-1234			
1asof5acr	23	23	23

Fluid

Type	Viscosity	Specific Weight
1X100v	000301	0.0002
1Body Fluid	1	2
1Asosad	1	5

Tube

Type	Diameter	Length
11Condore	0.673	0.999
1Tube#1	0.015	54
1Tube#2	0.015	66

Machine Constants

Force	Travel	Max Force	Zero Adjust	Throttle Back	Scale Factor	Tare	Pedal Zero	Low End	Low Start	High End	High Start	High Aspirate
1	0.5	4.5	40	2	0.75	27	0					

Machine Profile Setup Screen
Set Values for Components of Delivery System
Setup Variable for Machine

FIG. 12A

Milestone Scientific (Profile Setup)

File Edit Search Run

Release 2.1

506

508

502

504

510

VOLUME

-General-

Test Profile Name

Last Date Modified

Last Time Modified

-System Sizes-

Syringe

Nominal Volume

Stroke Length

Syringe Force

Full Point

Needle

Gage

Length

Diameter

Tube

Tube#1

Length

Diameter

Fluid

Body

Viscosity

Specific Weight

slugs/cubic inch

-Values-

Control ☐ Tested

Type

Low Flow CC/Sec

High Flow CC/Sec

Pressure Limit PSI

Additional

Charge Flow CC/Sec

Indicator CC

Aspirate

Volume CC

Flow CC/Sec

Dwell Sec

Purge

Volume CC

Flow CC/Sec

Physiologic Source

-Specifics-

Volume CC

☐ Charged

☐ Charged w/ Air

☐ Charged w/o Air

☐ Aspirate

☐ No Aspirate

-Calculations-

Needle Volume CC

Tube Volume CC

System Volume CC

Volume/Step (0.0025 in.) CC

Max Pressure (Low Flow) PSI

Max Pressure (High Flow) PSI

Max Flow CC/Sec

FIG. 12B

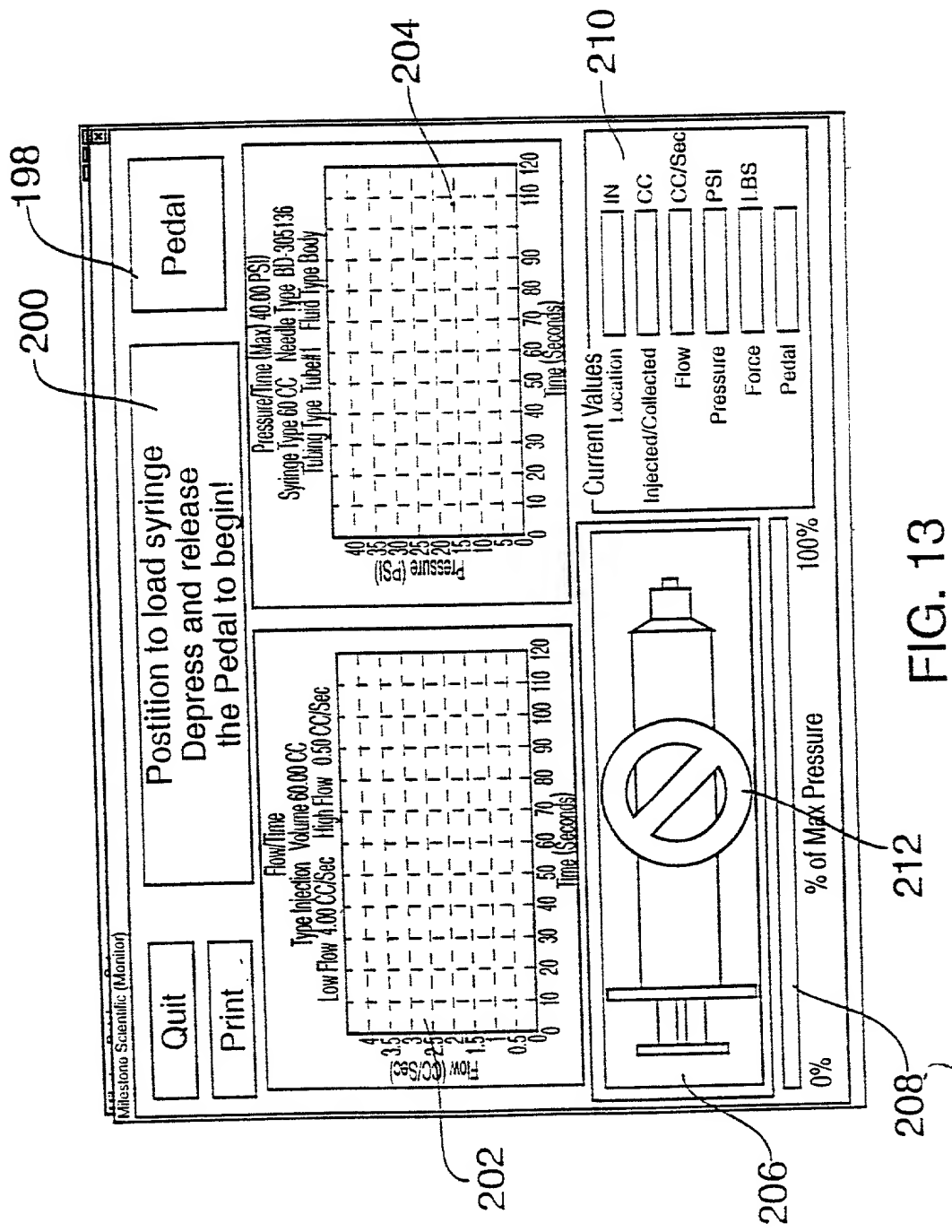


FIG. 13

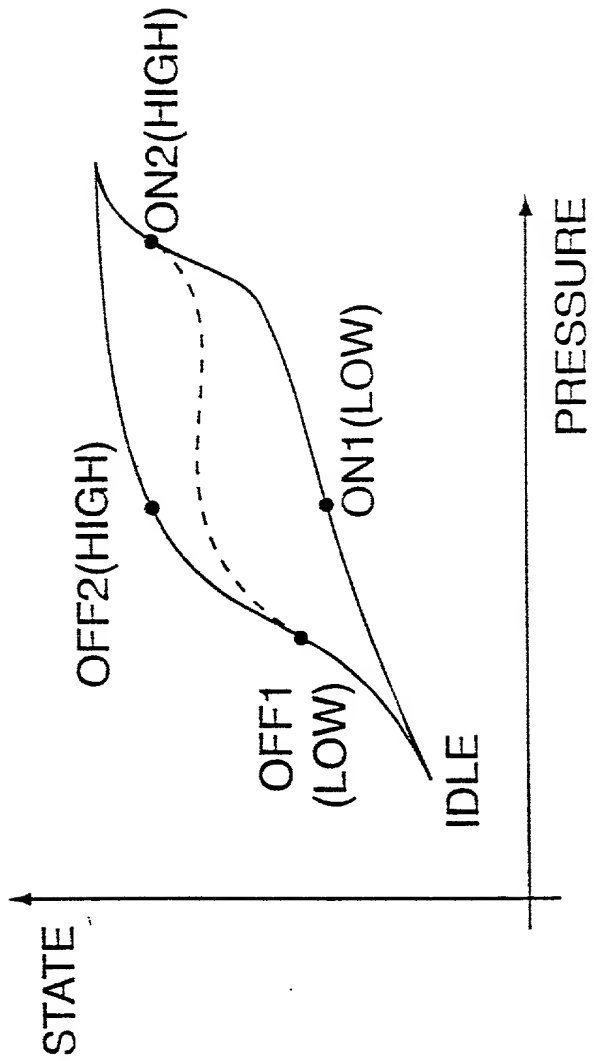
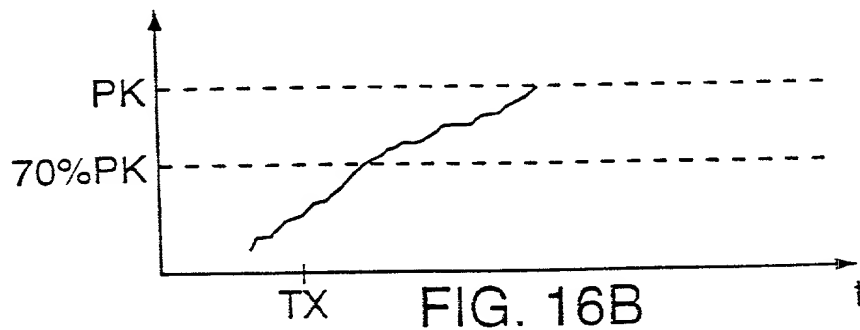
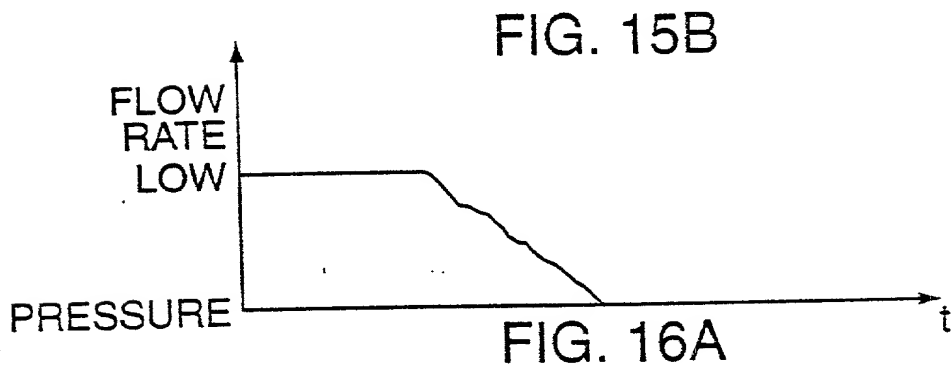
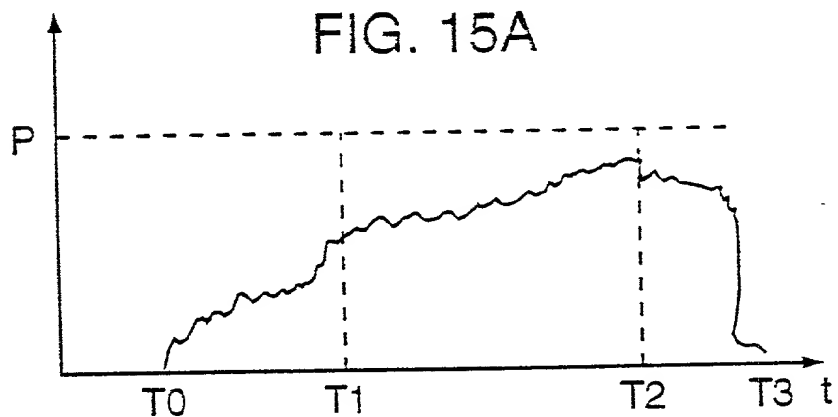
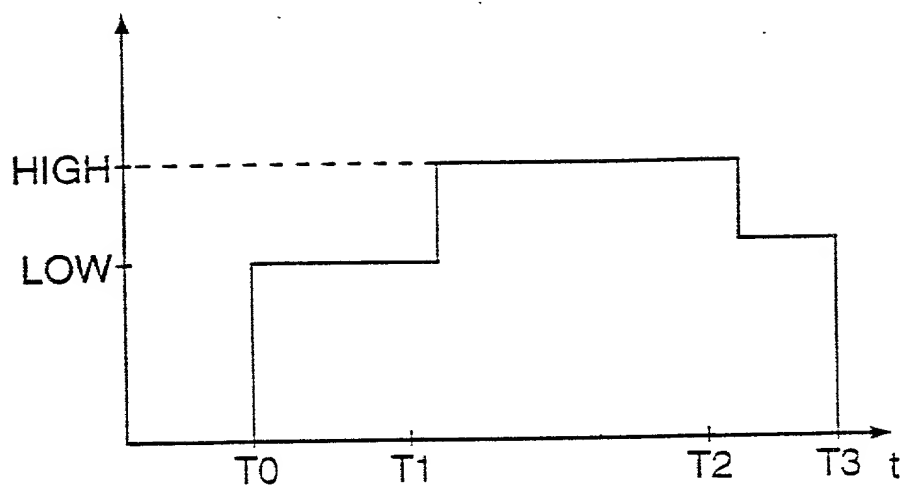


FIG. 14



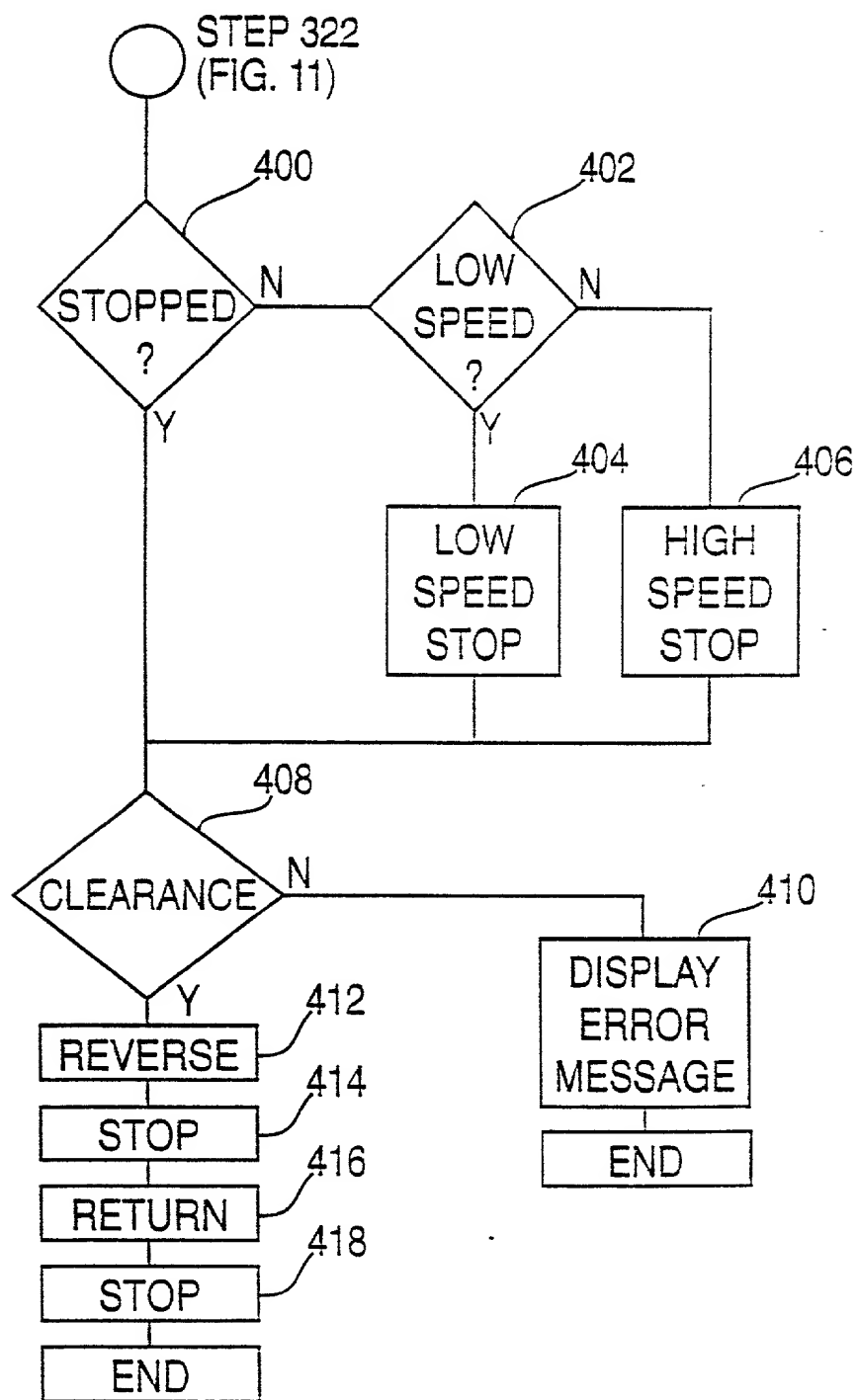


FIG. 17

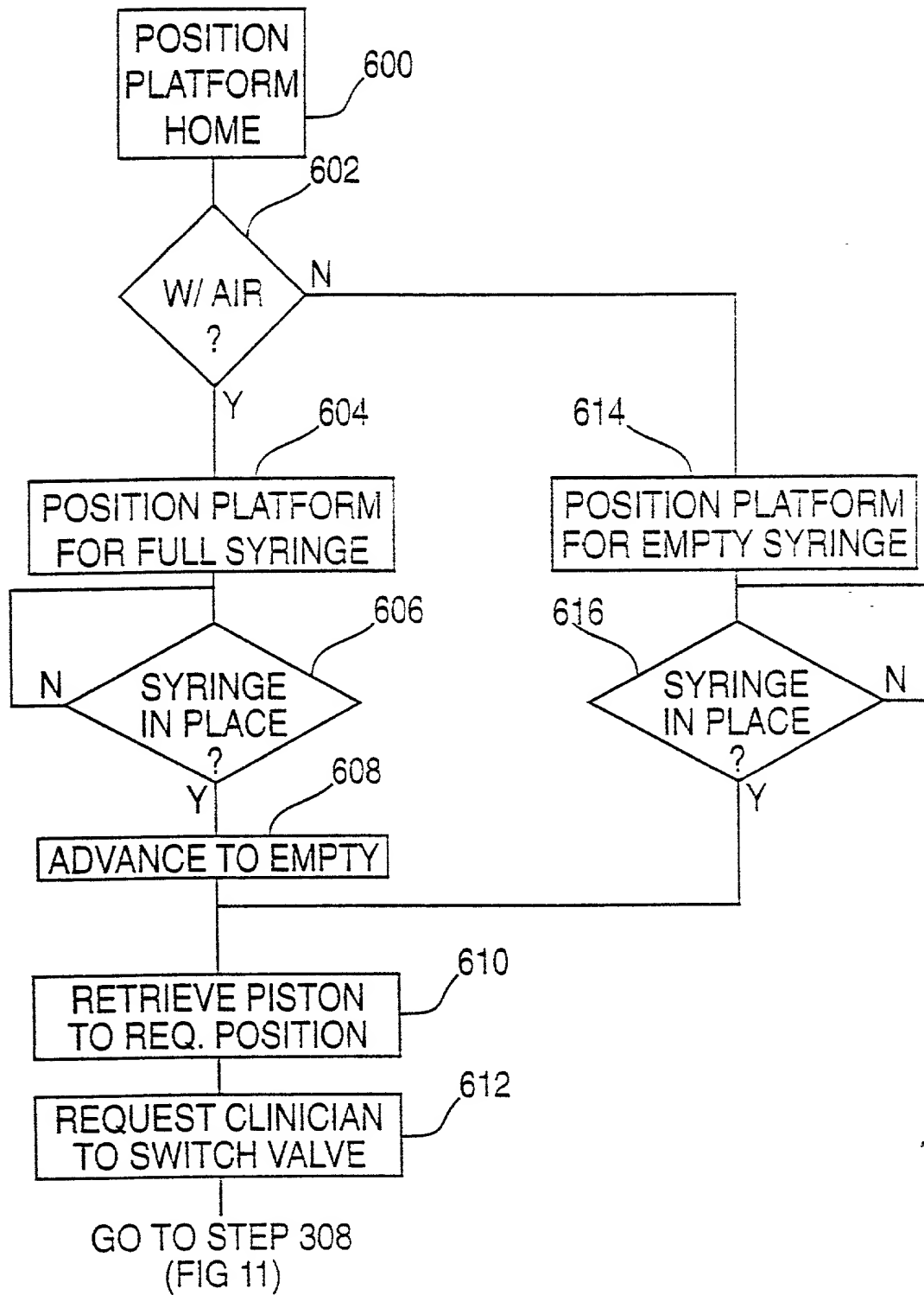


FIG. 18

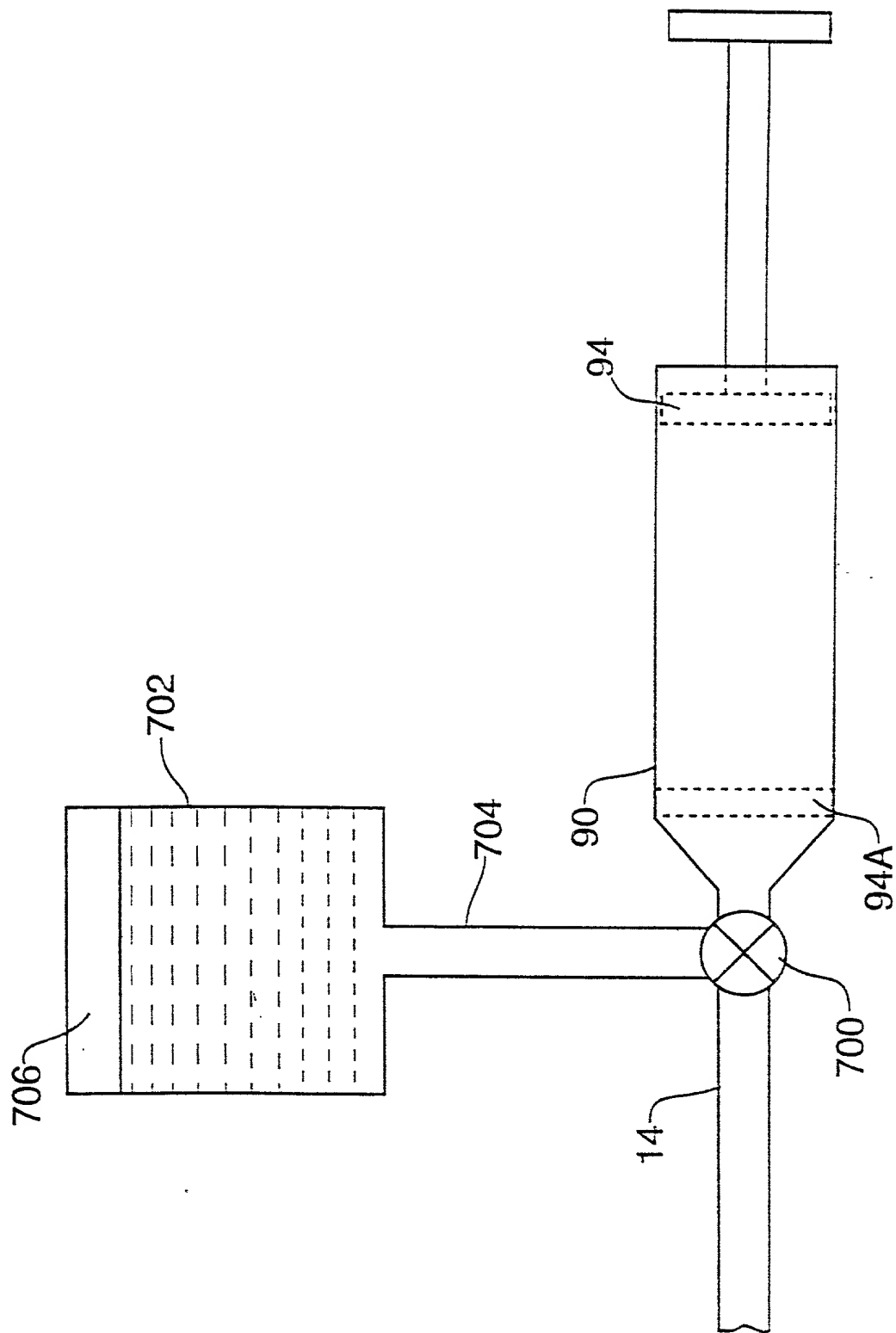


FIG. 19